

4715.1770 MINIMUM PRESSURES REQUIRED IN WATER DISTRIBUTION SYSTEM.

Subpart 1. **Requirement.** Based on the minimum static water pressure available, pipe sizes shall be selected so that under conditions of peak demand a minimum flow pressure at the point of discharge shall not be less than shown in subpart 2.

In determining minimum pressures at the outlets, allowance shall be made for the pressure drop due to friction loss.

Subp. 2. Table of minimum flow pressure and flow rates.

Location	Flow Pressure psi	Flow Rate gpm
Ordinary basin faucet	8	2.0
Self-closing basin faucet	8	2.0
Sink faucet, 3/8 inch	8	2.0
Sink faucet, 1/2 inch	8	2.0
Bathtub faucet	8	6.0
Laundry tub cock, 1/2 inch	8	5.0
Shower	8	2.0
Ball cock for closet	8	3.0
Flush valve for closet	15	15-35
Flushometer valve for urinal	15	15.0
Drinking fountains	15	0.75
Sill cock-wall hydrant	10	5.0

Statutory Authority: *MS s 16B.59 to 16B.75; 326.37 to 326.45; 326B.101 to 326B.194; 326B.43 to 326B.49*

History: *23 SR 686; 28 SR 146; L 2007 c 140 art 4 s 61; art 6 s 15; art 13 s 4; L 2008 c 337 s 64*

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